ELSEVIER

Chemistry and Physics of Lipids
85 (1997) 181

CPL
CHEMISTRY AND
PHYSICS OF LIPIDS

Author index

Volume 85 (1997)

Akulin, V.N. **85**, 125
Arnhold, J. **85**, 13
Arnold, K. **85**, 13
Asano, T. **85**, 53

Bakare, O. **85**, 175
Barwicz, J. **85**, 145
Bezuglov, V.V. **85**, 125
Bornscheuer, U. **85**, 91

Christie, W.W. **85**, 125

Danino, D. **85**, 75
Davies, J.E.D. **85**, 175
Donnerstag, A. **85**, 115
Durand, T. **85**, 125

Esterbauer, H. **85**, 1

Hauksson, J.B. **85**, 75
Hinz, H.-J. **85**, 23

Kaplun, A. **85**, 75
Kasyanov, S.P. **85**, 125
Kawazura, H. **85**, 45
Khysar Pasha, M. **85**, 101
Kinnunen, P.K.J. **85**, 107
Kinoshita, K. **85**, 53
Kisselev, P. **85**, 91
Klose, G. **85**, 115
Köberl, M. **85**, 23
Komatsu, H. **85**, 67
Kuklev, D.V. **85**, 125
Kveder, M. **85**, 1

Lam, C.K. **85**, 101
Lantzsch, G. **85**, 115
Lehtonen, J.Y.A. **85**, 107
Lie Ken Jie, M.S.F. **85**, 101, 175
Lindblom, G. **85**, 75

Monasse, B. **85**, 135

Okada, S. **85**, 67
Orädd, G. **85**, 75

Pampel, A. **85**, 115
Pečar, S. **85**, 1
Pfeiffer, H. **85**, 115
Pifat, G. **85**, 1
Pisch, S. **85**, 91

Ramos, P. **85**, 1
Rapp, G. **85**, 23
Richter, W. **85**, 115
Rilfors, L. **85**, 75
Rolland, J.-P. **85**, 135
Rossi, J.C. **85**, 125

Saito, H. **85**, 45
Santaella, C. **85**, 135
Schara, M. **85**, 1
Schmid, R.D. **85**, 91
Schwarz, D. **85**, 91
Seifert, T. **85**, 13
Sievi, J.-J. **85**, 107
Söderlund, T. **85**, 107

Talmon, Y. **85**, 75
Tanaka, H. **85**, 45
Tancrède, P. **85**, 145
Tyman, J.H.P. **85**, 157

Vidal, J.P. **85**, 125
Vierling, P. **85**, 135
Visani, N. **85**, 157
Volke, F. **85**, 115

Waschipky, R. **85**, 115
Welzel, P. **85**, 115
Wessel, R. **85**, 91

Yamazaki, M. **85**, 53

Zschörnig, O. **85**, 13

ELSEVIER

Chemistry and Physics of Lipids
85 (1997) 183–186

CPL
CHEMISTRY AND PHYSICS OF LIPIDS

Subject index

Volume 85 (1997)

Acholeplasma laidlawii; Glycerophosphoryldiglucosyldiacylglycerol; Lipid structure; NMR; Cryo-TEM; Micelle **85**, 75

Adsorption; Amphotericin-B; Cholesterol; Ergosterol; Monolayer; Phospholipids **85**, 145

Alkynes; Phenolic lipid; Anacardic acid; Dienes; Trienes; Synthesis **85**, 157

Amphotericin-B; Cholesterol; Ergosterol; Monolayer; Adsorption; Phospholipids **85**, 145

Anacardic acid; Phenolic lipid; Dienes; Trienes; Synthesis; Alkynes **85**, 157

Antibiotic; Interaction with membranes; MAS NMR; DSC; Electron microscopy **85**, 115

Beta-blockers; Laser electrophoresis; Low-density lipoproteins (LDL); Sodium hypochlorite; Zeta-potential; J774 macrophages **85**, 13

Bilayer; Glycolipids; Monolayer; Phase transitions; Surface pressure; X-ray scattering; Transition enthalpy; Transition temperature; Transition area; WAXS; SAXS **85**, 23

Bilayers; Fluorinated phospholipids; Membranes; Miscibility; Binary mixture; DSC **85**, 135

Binary mixture; Fluorinated phospholipids; Bilayers; Membranes; Miscibility; DSC **85**, 135

Cationic liposomes; DC electric field; Phase contrast microscopy; Fluorescence microscopy **85**, 107

Cholesterol; Amphotericin-B; Ergosterol; Monolayer; Adsorption; Phospholipids **85**, 145

Cholesterol; Ethyl alcohol; Interdigitation; Permeation; Liposome; Vesicle **85**, 67

Cholesterol; VO^{2+}; Spin probe; Dynamics; Polar head; Phosphatidylcholine **85**, 45

Composition of fatty acids; ESR; Lipoproteins; LDL; VLDL **85**, 1

Cryo-TEM; Glycerophosphoryldiglucosyldiacylglycerol; Lipid structure; NMR; *Acholeplasma laidlawii*; Micelle **85**, 75

CYP11A1; Nonbilayer lipids; Cytochrome P450SCC; Hexagonal II phase; Enzymatic activity; Vesicle aggregation **85**, 91

Cytochrome P450SCC; Nonbilayer lipids; CYP11A1; Hexagonal II phase; Enzymatic activity; Vesicle aggregation **85**, 91

DC electric field; Cationic liposomes; Phase contrast microscopy; Fluorescence microscopy **85**, 107

Dienes; Phenolic lipid; Anacardic acid; Trienes; Synthesis; Alkynes **85**, 157

DSC; Antibiotic; Interaction with membranes; MAS NMR; Electron microscopy **85**, 115

DSC; Fluorinated phospholipids; Bilayers; Membranes; Miscibility; Binary mixture **85**, 135

Dynamics; VO^{2+}; Spin probe; Polar head; Phosphatidylcholine; Cholesterol **85**, 45

Electron microscopy; Antibiotic; Interaction with membranes; MAS NMR; DSC **85**, 115

Enzymatic activity; Nonbilayer lipids; Cytochrome P450SCC; CYP11A1; Hexagonal II phase; Vesicle aggregation **85**, 91

Ergosterol; Amphotericin-B; Cholesterol; Monolayer; Adsorption; Phospholipids **85**, 145

ESR; Lipoproteins; LDL; VLDL; Composition of fatty acids **85**, 1

Ethyl alcohol; Cholesterol; Interdigitation; Permeation; Liposome; Vesicle **85**, 67

Fluorescence microscopy; Cationic liposomes; DC electric field; Phase contrast microscopy **85**, 107

Fluorinated phospholipids; Bilayers; Membranes; Miscibility; Binary mixture; DSC **85**, 135

Furanoid fatty ester; *m*-Chloroperoxybenzoic acid; Hydrogen peroxide; Isomerization; Magnesium monoperoxyphthalate; Pyridinium chlorochromate; Ultrasound **85**, 101

Glycerophosphoryldiglucosyldiacylglycerol; Lipid structure; NMR; Cryo-TEM; *Acholeplasma laidlawii*; Micelle **85**, 75

Glycolipids; Monolayer; Bilayer; Phase transitions; Surface pressure; X-ray scattering; Transition enthalpy; Transition temperature; Transition area; WAXS; SAXS **85**, 23

Hexagonal II phase; Nonbilayer lipids; Cytochrome P450SCC; CYP11A1; Enzymatic activity; Vesicle aggregation **85**, 91

High performance liquid chromatography; Linoleic acid; Lipid peroxidation; Ketodienoic compounds; 9-Hydroxy-(10*E*,12*Z*)-octadecadien-1-oic acid (9-HODE); 13-Hydroperoxy-(9*Z*,11*E*)-octadecadien-1-oic acid (13-HODE); Synthesis; NMR spectroscopy; Mass spectrometry **85**, 125

Hydrogen peroxide; *m*-Chloroperoxybenzoic acid; Furanoid fatty ester; Isomerization; Magnesium monoperoxyphthalate; Pyridinium chlorochromate; Ultrasound **85**, 101

13-Hydroperoxy-(9*Z*,11*E*)-octadecadien-1-oic acid (13-HODE); Linoleic acid; Lipid peroxidation; Ketodienoic compounds; 9-Hydroxy-(10*E*,12*Z*)-octadecadien-1-oic acid (9-HODE); Synthesis; NMR spectroscopy; Mass spectrometry; High performance liquid chromatography **85**, 125

9-Hydroxy-(10*E*,12*Z*)-octadecadien-1-oic acid (9-HODE); Linoleic acid; Lipid peroxidation; Ketodienoic compounds; 13-Hydroperoxy-(9*Z*,11*E*)-octadecadien-1-oic acid (13-HODE); Synthesis; NMR spectroscopy; Mass spectrometry; High performance liquid chromatography **85**, 125

Interaction with membranes; Antibiotic; MAS NMR; DSC; Electron microscopy **85**, 115

Interdigitated gel phase; χ Parameter; Poor solvent; Phase transition; Phospholipid **85**, 53

Interdigitation; Ethyl alcohol; Cholesterol; Permeation; Liposome; Vesicle **85**, 67

IR spectroscopy; Raman spectroscopy; Selenalaurates; Telluralaurates; Sulphinyl laurates; Sulphonyl laurates **85**, 175

Isomerization; *m*-Chloroperoxybenzoic acid; Furanoid fatty ester; Hydrogen peroxide; Magnesium monoperoxyphthalate; Pyridinium chlorochromate; Ultrasound **85**, 101

J774 macrophages; Beta-blockers; Laser electrophoresis; Low-density lipoproteins (LDL); Sodium hypochlorite; Zeta-potential **85**, 13

Ketodienoic compounds; Linoleic acid; Lipid peroxidation; 9-Hydroxy-(10*E*,12*Z*)-octadecadien-1-oic acid (9-HODE); 13-Hydroperoxy-(9*Z*,11*E*)-octadecadien-1-oic acid (13-HODE); Synthesis; NMR spectroscopy; Mass spectrometry; High performance liquid chromatography **85**, 125

Laser electrophoresis; Beta-blockers; Low-density lipoproteins (LDL); Sodium hypochlorite; Zeta-potential; J774 macrophages **85**, 13

LDL; ESR; Lipoproteins; VLDL; Composition of fatty acids **85**, 1

Linoleic acid; Lipid peroxidation; Ketodienoic compounds; 9-Hydroxy-(10*E*,12*Z*)-octadecadien-1-oic acid (9-HODE); 13-Hydroperoxy-(9*Z*,11*E*)-octadecadien-1-oic acid (13-HODE); Synthesis; NMR spectroscopy; Mass spectrometry; High performance liquid chromatography **85**, 125

Lipid peroxidation; Linoleic acid; Ketodienoic compounds; 9-Hydroxy-(10*E*,12*Z*)-octadecadien-1-oic acid (9-HODE); 13-Hydroperoxy-(9*Z*,11*E*)-octadecadien-1-oic acid (13-HODE); Synthesis; NMR spectroscopy; Mass spectrometry; High performance liquid chromatography **85**, 125

Lipid structure; Glycerophosphoryldiglucosyldiacylglycerol; NMR; Cryo-TEM; *Acholeplasma laidlawii*; Micelle **85**, 75

Lipoproteins; ESR; LDL; VLDL; Composition of fatty acids **85**, 1

Liposome; Ethyl alcohol; Cholesterol; Interdigitation; Permeation; Vesicle **85**, 67

Low-density lipoproteins (LDL); Beta-blockers; Laser electrophoresis; Sodium hypochlorite; Zeta-potential; J774 macrophages **85**, 13

Magnesium monoperoxyphthalate; *m*-Chloroperoxybenzoic acid; Furanoid fatty ester; Hydrogen peroxide; Isomerization; Pyridinium chlorochromate; Ultrasound **85**, 101

MAS NMR; Antibiotic; Interaction with membranes; DSC; Electron microscopy **85**, 115

Mass spectrometry; Linoleic acid; Lipid peroxidation; Ketodienoic compounds; 9-Hydroxy-(10*E*,12*Z*)-octadecadien-1-oic acid (9-HODE); 13-Hydroperoxy-(9*Z*,11*E*)-octadecadien-1-oic acid (13-HODE); Synthesis; NMR spectroscopy; High performance liquid chromatography **85**, 125

***m*-Chloroperoxybenzoic acid**; Furanoid fatty ester; Hydrogen peroxide; Isomerization; Magnesium monoperoxyphthalate; Pyridinium chlorochromate; Ultrasound **85**, 101

Membranes; Fluorinated phospholipids; Bilayers; Miscibility; Binary mixture; DSC **85**, 135

Micelle; Glycerophosphoryldiglucosyldiacylglycerol; Lipid structure; NMR; Cryo-TEM; *Acholeplasma laidlawii* **85**, 75

Miscibility; Fluorinated phospholipids; Bilayers; Membranes; Binary mixture; DSC **85**, 135

Monolayer; Amphotericin-B; Cholesterol; Ergosterol; Adsorption; Phospholipids **85**, 145

Monolayer; Glycolipids; Bilayer; Phase transitions; Surface pressure; X-ray scattering; Transition enthalpy; Transition temperature; Transition area; WAXS; SAXS **85**, 23

NMR; Glycerophosphoryldiglucosyldiacylglycerol; Lipid structure; Cryo-TEM; *Acholeplasma laidlawii*; Micelle **85**, 75

NMR spectroscopy; Linoleic acid; Lipid peroxidation; Ketodienoic compounds; 9-Hydroxy-(10*E*,12*Z*)-octadecadien-1-oic acid (9-HODE); 13-Hydroperoxy-(9*Z*,11*E*)-octadecadien-1-oic acid (13-HODE); Synthesis; Mass spectrometry; High performance liquid chromatography **85**, 125

Nonbilayer lipids; Cytochrome P450SCC; CYP11A1; Hexagonal II phase; Enzymatic activity; Vesicle aggregation **85**, 91

χ Parameter; Poor solvent; Phase transition; Phospholipid; Interdigitated gel phase **85**, 53

Permeation; Ethyl alcohol; Cholesterol; Interdigitation; Liposome; Vesicle **85**, 67

Phase contrast microscopy; Cationic liposomes; DC electric field; Fluorescence microscopy **85**, 107

Phase transition; χ Parameter; Poor solvent; Phospholipid; Interdigitated gel phase **85**, 53

Phase transitions; Glycolipids; Monolayer; Bilayer; Surface pressure; X-ray scattering; Transition enthalpy; Transition temperature; Transition area; WAXS; SAXS **85**, 23

Phenolic lipid; Anacardic acid; Dienes; Trienes; Synthesis; Alkynes **85**, 157

Phosphatidylcholine; VO^{2+}; Spin probe; Dynamics; Polar head; Cholesterol **85**, 45

Phospholipid; χ Parameter; Poor solvent; Phase transition; Interdigitated gel phase **85**, 53

Phospholipids; Amphotericin-B; Cholesterol; Ergosterol; Monolayer; Adsorption **85**, 145

Polar head; VO^{2+}; Spin probe; Dynamics; Phosphatidylcholine; Cholesterol **85**, 45

Poor solvent; χ Parameter; Phase transition; Phospholipid; Interdigitated gel phase **85**, 53

Pyridinium chlorochromate; *m*-Chloroperoxybenzoic acid; Furanoid fatty ester; Hydrogen peroxide; Isomerization; Magnesium monoperoxyphthalate; Ultrasound **85**, 101

Raman spectroscopy; IR spectroscopy; Selenalaurates; Telluralaurates; Sulphinyl laurates; Sulphonyl laurates **85**, 175

SAXS; Glycolipids; Monolayer; Bilayer; Phase transitions; Surface pressure; X-ray scattering; Transition enthalpy; Transition temperature; Transition area; WAXS **85**, 23

Selenalaurates; Raman spectroscopy; IR spectroscopy; Telluralaurates; Sulphinyl laurates; Sulphonyl laurates **85**, 175

Sodium hypochlorite; Beta-blockers; Laser electrophoresis; Low-density lipoproteins (LDL); Zeta-potential; J774 macrophages **85**, 13

Spin probe; VO^{2+}; Dynamics; Polar head; Phosphatidylcholine; Cholesterol **85**, 45

Sulphinyl laurates; Raman spectroscopy; IR spectroscopy; Selenalaurates; Telluralaurates; Sulphonyl laurates **85**, 175

Sulphonyl laurates; Raman spectroscopy; IR spectroscopy; Selenalaurates; Telluralaurates; Sulphinyl laurates **85**, 175

Surface pressure; Glycolipids; Monolayer; Bilayer; Phase transitions; X-ray scattering; Transition enthalpy; Transition temperature; Transition area; WAXS; SAXS **85**, 23

Synthesis; Linoleic acid; Lipid peroxidation; Ketodienoic compounds; 9-Hydroxy-(10*E*,12*Z*)-octadecadien-1-oic acid (9-HODE); 13-Hydroperoxy-(9*Z*,11*E*)-octadecadien-1-oic acid (13-HODE); NMR spectroscopy; Mass spectrometry; High performance liquid chromatography **85**, 125

Synthesis; Phenolic lipid; Anacardic acid; Dienes; Trienes; Alkynes **85**, 157

Telluralaurates; Raman spectroscopy; IR spectroscopy; Selenalaurates; Sulphinyl laurates; Sulphonyl laurates **85**, 175

Transition area; Glycolipids; Monolayer; Bilayer; Phase transitions; Surface pressure; X-ray scattering; Transition enthalpy; Transition temperature; WAXS; SAXS **85**, 23

Transition enthalpy; Glycolipids; Monolayer; Bilayer; Phase transitions; Surface pressure; X-ray scattering; Transition temperature; Transition area; WAXS; SAXS **85**, 23

Transition temperature; Glycolipids; Monolayer; Bilayer; Phase transitions; Surface pressure; X-ray scattering; Transition enthalpy; Transition area; WAXS; SAXS **85**, 23

Trienes; Phenolic lipid; Anacardic acid; Dienes; Synthesis; Alkynes **85**, 157

Ultrasound; *m*-Chloroperoxybenzoic acid; Furanoid fatty ester; Hydrogen peroxide; Isomerization; Magnesium monoperoxyphthalate; Pyridinium chlorochromate **85**, 101

Vesicle aggregation; Nonbilayer lipids; Cytochrome P450SCC; CYP11A1; Hexagonal II phase; Enzymatic activity **85**, 91

Vesicle; Ethyl alcohol; Cholesterol; Interdigitation; Permeation; Liposome **85**, 67

VLDL; ESR; Lipoproteins; LDL; Composition of fatty acids **85**, 1

VO^{2+}; Spin probe; Dynamics; Polar head; Phosphatidylcholine; Cholesterol **85**, 45

WAXS; Glycolipids; Monolayer; Bilayer; Phase transitions; Surface pressure; X-ray scattering; Transition enthalpy; Transition temperature; Transition area; SAXS **85**, 23

X-ray scattering; Glycolipids; Monolayer; Bilayer; Phase transitions; Surface pressure; Transition enthalpy; Transition temperature; Transition area; WAXS; SAXS **85**, 23

Zeta-potential; Beta-blockers; Laser electrophoresis; Low-density lipoproteins (LDL); Sodium hypochlorite; J774 macrophages **85**, 13